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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
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RETURNED UNOPENED
11/29/96
M/037/088

November 6, 1996

Carole L. Steele
611 Fenimore Street
Winston-Salem, North Carolina 27103

Dear Ms. Steele:

Re: Public Notice to Owners of Record, Mine Plan Permit, Summo USA Corporation, Lisbon Valley Copper, M/037/088, San Juan County, Utah

Pursuant to Rule 647-4-116 of the Utah Division of Oil, Gas and Mining's Minerals Reclamation Program, you are hereby notified of the Division's intent to issue tentative approval for Summo USA Corporation's permit application for their Lisbon Valley Copper project in San Juan County, Utah. This rule requires that all owners of record of the land affected be notified of said action. A copy of the public notice, that will be published in the local and Salt Lake area newspapers, is attached for your reference and information.

Anyone aggrieved by this tentative decision is hereby advised to file a written protest with this Division setting forth factual reasons why this proposed operation should not be approved. Written objections of substance, received by the Division during the public comment period, will be heard at a hearing before the Board of Oil, Gas and Mining, in accordance with UCA §40-8-18.

Sincerely,

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

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Attachment

M037088.own



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

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IN THE MATTER OF TENTATIVE
DECISION TO APPROVE
A LARGE MINE OPERATION AND
RECLAMATION PLAN FOR
LISBON VALLEY COPPER PROJECT
SAN JUAN COUNTY, UTAH

NOTICE OF TENTATIVE
DECISION TO APPROVE

NO. M/037/088

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THE STATE OF UTAH TO ALL OPERATORS, TAKERS OF PRODUCTION, MINERAL
AND ROYALTY OWNERS, AND PARTICULARLY ALL PERSONS INTERESTED IN
SECTIONS 22, 23, 24, 25, 26, 27, 34, 35, 36, T30S, R25E; SECTION 1, T31S, R25E; AND
SECTIONS 30, 31, T30S, R26E, SLBM; SAN JUAN COUNTY, UTAH.

Notice is hereby given by the Division of Oil, Gas and Mining of its tentative decision to
approve Summo USA Corporation's Mining and Reclamation Plan for the Lisbon Valley Copper
Project. Mining activities will effect the following area: SECTIONS 22, 23, 24, 25, 26, 27, 34,
35, 36, T30S, R25E; SECTION 1, T31S, R25E; AND SECTIONS 30, 31, T30S, R26E, SLBM;
SAN JUAN COUNTY, UTAH.

The operator will employ the following mining and reclamation techniques on approximately
1,103 acres of federal, private and state land.

During Operations: Mining operations will be conducted in four open pits encompassing
approximately 231 acres. Overburden and ore will be fragmented for removal by dozers and by
drilling and blasting with ANFO. Waste rock/overburden will be hauled from the open pits to the
waste dumps. Available soils from proposed facilities (pits, haul roads, waste dumps and process
facilities) will be salvaged for use in reclamation. Approximately 449 acres of waste dumps will be
constructed in 40 - 50 foot lifts while maintaining an overall outslope of 2.5h:1v. Approximately
15,000 linear feet of haul roads will be constructed. Ore will be hauled to the crushing facilities
located near the heap leach pad. Ore will be crushed and transferred to the heap leach pad via a
conveyor stacking system. Ore will be placed on the heap in three 36-foot high lifts. The 266 acre
heap leach pad will include a system of synthetic and clay liners and a leak detection system. A
dilute sulfuric acid solution will be applied to the ore. Solutions which have percolated through the
heap will be collected and piped to the pregnant pond. The pregnant solution is then run through the
solvent extraction/electrowinning (SX/EW) plant. Cathode copper produced by the SX/EW plant
would be shipped off site for fabrication purposes.

After Operations: Rock berms or fences will be installed to prevent public access to the pits, which
will remain open. Haul roads which accessed pit bottoms will be ripped, covered with soil and
seeded. The pit perimeters will be planted with indigenous tree species to partially screen the open